



Garvan Institute of Medical Research

Garvan: Request interactive session

This document is a simple walk-through that shows how an interactive session is requested and used on Garvan's on-site HPC platforms.

Source documents:

TBD

Wolfpack

Login on the login node

```
# Login to Wolfpack HPC
```

```
ssh -i <your-SSH-key> <your-username>@dice01.garvan.unsw.edu.au
```

Request an interactive session from the scheduler

```
# Request an interactive session
```

```
qlogin
```

Wait for interactive session to start

On Wolfpack, interactive sessions will start almost instantly!

Interactive session starts

```
○ [redacted]@dice01 ~]$ qlogin
Your job 2596719 ("QLOGIN") has been submitted
waiting for interactive job to be scheduled ...
Your interactive job 2596719 has been successfully scheduled.
Establishing builtin session to host delta-3-1.local ...
[redacted]@delta-3-1 ~]$ █
```

Start R/Python/Julia/Perl...etc.

```
[redacted]@delta-3-1 ~]$ python3
Python 3.6.8 (default, Nov 16 2020, 16:55:22)
[GCC 4.8.5 20150623 (Red Hat 4.8.5-44)] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> █
```

Exit interactive session and logout

```
>>>
>>> quit()
[redacted]@delta-3-1 ~]$ exit
logout
[redacted]@dice01 ~]$ exit █
```